

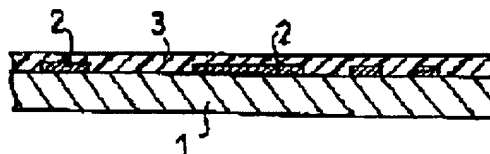
**ANTIMICROBIAL PROCESSED PAPER**

**Patent number:** JP11181697  
**Publication date:** 1999-07-06  
**Inventor:** OTOMO HITOSHI; KOBAYASHI FUMITO; KITAHARA KIYOSHI  
**Applicant:** KYODO PRINTING CO LTD  
**Classification:**  
- **international:** D21H21/36; B65D65/42; B65D81/28  
- **european:**  
**Application number:** JP19970363706 19971217  
**Priority number(s):**

**Abstract of JP11181697**

**PROBLEM TO BE SOLVED:** To easily provide antimicrobial processed paper capable of giving the antimicrobial effect without giving a psychological anxiety and capable of being used for wide uses.

**SOLUTION:** This antimicrobial processed paper is obtained by forming a printed layer 2, such as a design, on the surface of a substrate 1 by an offset printing method, etc., and further printing the whole surface of the substrate including the printed layer 2 with an ink containing 0.1-0.5 wt.% of crushed natural oyster shell particles having an average particle diameter of  $\leq 8 \mu\text{m}$  to form an OP layer 3.



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**29. Antibacterial paper coated with oyster shell powders**

**CAS SECTION- 143**

**CAS SUBSECTION- 007**

**CAS 131-05 131-060233 131:060233 NDN- 127-0321-2589-0**

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**NO-ABSTRACT**

**IDENTIFIER(S)-** food packaging paper antibacterial ; oyster shell powder bactericide paper;  
paper antibacterial manufg

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